

CLAIMS

1. A spray gun for applying texture materials and having a body, an air valve and an air passage, the improvement comprising said air valve comprising:

a needle having a diameter, a seating surface and threadedly located in said body,

5 said threads being relatively fine; and

a seat having a seating surface, said needle and seat seating surfaces having lengths at least as great as about said diameter.

2. A spray gun for applying texture materials and having a body, a fluid needle and an air passage, the improvement comprising an air shutoff valve, said valve comprising a

10 member mounted over said needle for occluding said air passage.

3. A spray gun for applying texture materials and having a body, the improvement comprising said body being molded as a one piece plastic piece requiring no secondary operations to complete.

4. The spray gun of claim 3 further comprising two protrusions on said body for mounting

15 a trigger and a molded trigger stop.

5. A spray gun for applying texture materials and having a body, the improvement comprising a gun head rotatably attached to said body for rotation between a first position for mounting a hopper and a second position for attachment to a pump line.

6. A spray gun for applying texture materials and having a body, the improvement

20 comprising said body having first and second ports for receiving a source of material, said

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first port being positioned for mounting a hopper and said second port being positioned for attachment to a pump line.

7. The spray gun of claim 6 further comprising an internal flow director 46 for selective occlusion of one of said ports.

5 8. A spray gun for applying texture materials and having a body and an air passage, the improvement comprising a molded soft polymer one-way valve installed in said air passage allowing only forward airflow for normal spraying and which without airflow will relax shut and prevent fluid backflow.

9. A spray gun for applying texture materials and having a body and a needle having an 10 air passage therethrough, the improvement comprising a multi-hole air cap installed directly to the end of the needle.